Soil Investigation

Bulk Density Data Work Sheet - Pit and Near Surface Techniques

Date of Sample Collection: _____Site: _____

Horizon Number:_____Horizon Depth: Top _____cm

Bottom _____cm

Sample Number 1

A. Container volume: _____mL

B. Container weight: _____g

C. Wet weight of sample: _____g

D. Dry weight of sample: _____g

E. Dry soil weight (D-B): _____g

F. Weight of rocks: _____g

G. Volume of water without rocks: _____mL

H. Volume of water and rocks: _____mL

I. Volume of rocks (H-G): _____mL

J. Bulk density [(E-F)/(A-I)]: _____g/mL (cm^3)

Sample Number 2

A. Container volume: _____mL

B. Container weight: _____g

C. Wet weight of sample: _____g

D. Dry weight of sample: _____g

E. Dry soil weight (D-B): _____g

F. Weight of rocks: _____g

G. Volume of water without rocks: _____mL

H. Volume of water and rocks: _____mL

I. Volume of rocks (H-G): _____mL

J. Bulk density [(E-F)/(A-I)]: _____g/mL (cm^3)

Sample Number 3

A. Container volume: _____mL

B. Container weight: _____g

C. Wet weight of sample: _____g

D. Dry weight of sample: _____g

E. Dry soil weight (D-B): _____g

F. Weight of rocks: _____g

G. Volume of water without rocks: _____mL

H. Volume of water and rocks: _____mL

I. Volume of rocks (H-G): _____mL

J. Bulk density [(E-F)/(A-I)]: _____g/mL (cm^3)